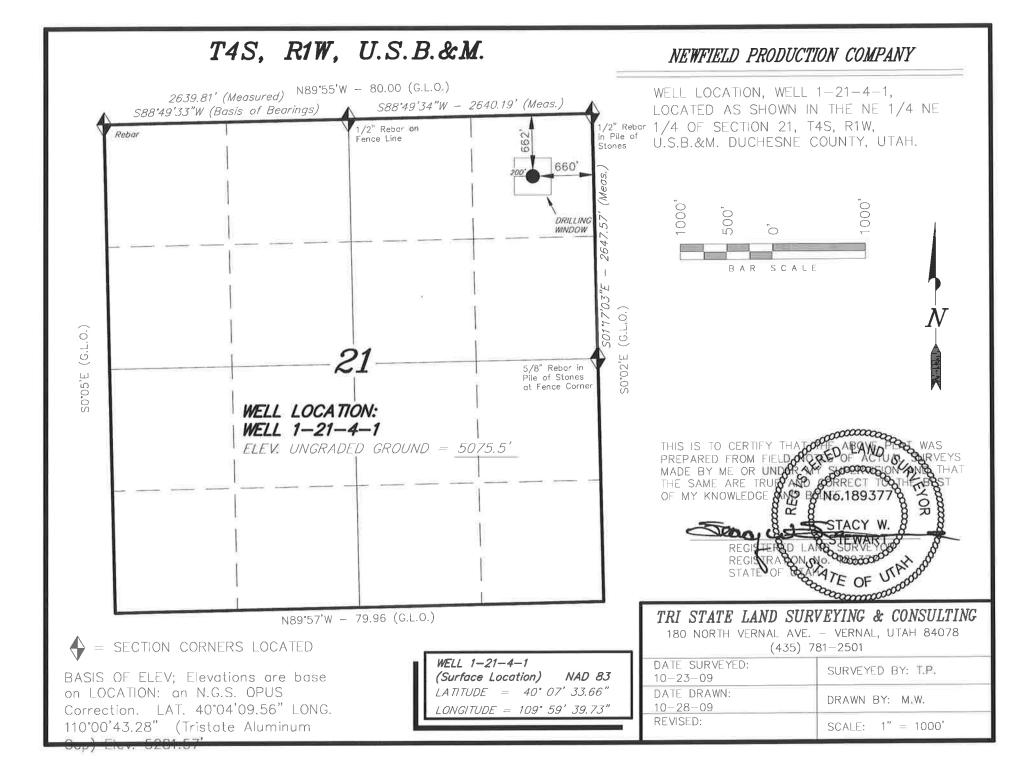
		SOURCES MINING			FORI							
APPLI	CATION FOR P	ERMIT TO DRILI	L				1. WELL NAME and	NUMBER te Tribal 1-21-4-1				
2. TYPE OF WORK  DRILL NEW WELL (	REENTER P&A	WELL ( DEEPE	EN WELI	.(()			3. FIELD OR WILDCAT  MONUMENT BUTTE					
1. TYPE OF WELL Oil We	ll Coalbed	Methane Well: NO				<u> </u>	5. UNIT or COMMUNITIZATION AGREEMENT NAME					
5. NAME OF OPERATOR	WFIELD PRODUCT	TON COMPANY					7. OPERATOR PHON	IE 435 646-4825				
B. ADDRESS OF OPERATOR	t 3 Box 3630 , Myt	con, UT, 84052		9. OPERATOR E-MAIL mcrozier@newfield.com								
IO. MINERAL LEASE NUMBER FEDERAL, INDIAN, OR STATE)		11. MINERAL OWN			<b>a</b> 4	_	12. SURFACE OWN		aa			
20G0005609 L3. NAME OF SURFACE OWNER (if box 12		FEDERAL ( INC	DIAN (I	Ú STATE (	FEE (		FEDERAL INI	DIAN ( STATE (	~ ~			
. 0	Gerald N. Andersen	Family Trust										
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee') 657 W Lakevi	ew Rd, ,					16. SURFACE OWN	R E-MAIL (if box 1	.2 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM MULTIPLE FORMAT		LE PRODUCT	ION FROM		19. SLANT					
Ute Tribe		YES (Submit C	Commin	gling Applicat	ion) NO 🗓		VERTICAL 📵 DIR	ECTIONAL ( HO	ORIZONTAL (			
20. LOCATION OF WELL	FOO	TAGES	QT	TR-QTR	SECTI	ON	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	662 FNL	660 FEL		NENE	21		4.0 S	1.0 W	U			
Top of Uppermost Producing Zone	662 FNL	660 FEL		NENE	21		4.0 S	1.0 W	U			
At Total Depth	662 FNL	660 FEL	NENE	21		4.0 S	1.0 W	U				
21. COUNTY  DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 660					23. NUMBER OF AC	RES IN DRILLING (	JNIT			
			ISTANCE TO NEAREST WELL IN SAME POOL ied For Drilling or Completed)  1530  26. PROPOSED DEPTH MD: 6910									
27. ELEVATION - GROUND LEVEL 5076	2	28. BOND NUMBER	WYB0	000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-7478					
	-	A	TTACH	IMENTS								
VERIFY THE FOLLOWING	ARE ATTACHE	D IN ACCORDAN	ICE W	ITH THE U	TAH OIL A	AND G	AS CONSERVATI	ON GENERAL RU	ILES			
WELL PLAT OR MAP PREPARED BY	LICENSED SURV	EYOR OR ENGINEE	R	<b>№</b> сом	IPLETE DRI	LLING	PLAN					
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGREE	MENT (IF FEE SURF	ACE)	FOR	4 5. IF OPE	RATOR	IS OTHER THAN T	IE LEASE OWNER				
DIRECTIONAL SURVEY PLAN (IF DI	RECTIONALLY O	R HORIZONTALLY		<b>№</b> торо	OGRAPHICA	AL MAP						
NAME Mandie Crozier	TITLE Regulatory	Tech			PHON	ONE 435 646-4825						
SIGNATURE		<b>DATE</b> 12/15/2009				EMAIL	_ mcrozier@newfield.	com				
<b>API NUMBER ASSIGNED</b> 43013502020000		APPROVAL				d	Ballyill					
						Pei	rmit Manager					

API Well No: 43013502020000 Received: 12/15/2009

	Proposed Hole, Casing, and Cement												
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)		L							
Prod	7.875	5.5	0	6910		Γ							
Pipe	Grade	Length	Weight										
	Grade J-55 LT&C	6910	15.5										
						Γ							

API Well No: 43013502020000 Received: 12/15/2009

	Proposed Hole, Casing, and Cement												
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)									
Surf	12.25	8.625	0	300									
Pipe	Grade	Length	Weight										
	Grade K-55 ST&C	300	24.0										



## MEMORANDUM of EASEMENT, RIGHT-OF-WAY and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 23<sup>rd</sup> day of November, 2009 by and between, Gerald N. Andersen Family Trust, Gerald N. Andersen and Rhea J. Andersen whose address is 657 W. Lakeview Road, Lindon, Utah 84042, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 1 West Section 21: NENE (1-21-4-1) NWNE (2-21-4-1) NENW (3-21-4-1) SENW (6-21-4-1) SWNE (7-21-4-1)

Section 22: NENW (3-22-4-1) NWNW (4-22-4-1)

Duchesne County, Utah Being 280 acres, more or less,

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

#### 1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated November 23<sup>rd</sup>, 2009 as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

### 2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.

These Parties hereto have executed this document effective as of the day first above written.

GERALD N. ANDERSEN FAMILY TRUST	NEWFIELD PRODUCTION COMPANY
By: Serald N. Andersen, Trustee	By:  Daniel W. Shewmake  Vice President - Development
By: Alexa anderson Prustee	

STATE OF UTAH )	
COUNTY OF	7
This instrument was acknowledged before me Andersen, as Trustee of the Gerald N. Andersen Fam	e this 23 day of November, 2009 by Gerald N. nily Trust.
Witness my hand and official seal.	1. 11
My commission expires $9/8/7013$	Notary Public
	THE ENTON  MINISTERIOR SECONS  CONTACTOR FAIR OF 68-5013
STATE OF UTAH ) )ss COUNTY OF )	
This instrument was acknowledged before me Andersen, as Trustee of the Gerald N. Andersen Fan	
Witness my hand and official seal.	1
My commission expires 9/8/200	Notary Public  THE EATON  MOREOGRAPHICAL SERVICE  COLUMN FIRE OF 08-2012
STATE OF COLORADO ) )ss COUNTY OF Denver )	
This instrument was acknowledged before m Daniel W. Shewmake, Vice President – Developme corporation, on behalf of the corporation.	e this, 2009 by ent of Newfield Production Company, a Texas
Witness my hand and official seal.	
	Notary Public
My commission expires	

### NEWFIELD PRODUCTION COMPANY UTE TRIBAL 1-21-4-1 NE/NE SECTION 21, T4S, R1W DUCHESNE COUNTY, UTAH

#### TEN POINT DRILLING PROGRAM

### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

### 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS</u>:

Uinta 0 – 1,980' Green River 1,980' Wasatch 6,910'

### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 1,980' - 6,910'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Iron (Fe) (ug/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)

Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

Ten Point Well Program & Thirteen Point Well Program Page 2 of 4

### 4. PROPOSED CASING PROGRAM

a. Casing Design: Ute Tribal 1-21-4-1

Size	li li	nterval	Malaba	Grade	Coupling	Design Factors			
	Тор	Bottom	Weight	Grade	Coupling	Burst	Collapse	Tension	
Surface casing	0.1	300'	24.0	1.55	STC	2,950	1,370	244,000	
8-5/8"	0'	300		J-55	310	17.53	14.35	33.89	
Prod casing	0'	0.0401	45.5	J-55	1.70	4,810	4,040	217,000	
5-1/2"	0'	6,910'	15.5		LTC	2.19	1.84	2.03	

### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Ute Tribal 1-21-4-1

lah	Fill	Description	Sacks	ОН	Weight	Yield	
Job	F.111	Description	ft <sup>3</sup>	Excess*	(ppg)	(ft <sup>3</sup> /sk)	
Surface cooling	300	Class G w/ 2% CaCl	138	30%	15.8	1.17	
Surface casing	300	Class G W/ 2/6 CaCl	161	30 /0	10.0	1417	
Prod casing	4.040	Prem Lite II w/ 10% gel + 3%	339	30%	11.0	3.26	
Lead	4,910'	KCI	1106	30 /6	11.0	3.20	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	3070	1-7.0	155-7	

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

### 5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL</u>:

The operator's minimum specifications for pressure control equipment are as follows:

Ten Point Well Program & Thirteen Point Well Program Page 3 of 4

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to Exhibit C for a diagram of BOP equipment that will be used on this well.

### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will visually monitor pit levels and flow from the well during drilling operations.

### 7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

### 8. TESTING, LOGGING AND CORING PROGRAMS:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

### 'APIWellNo:43013502020000'

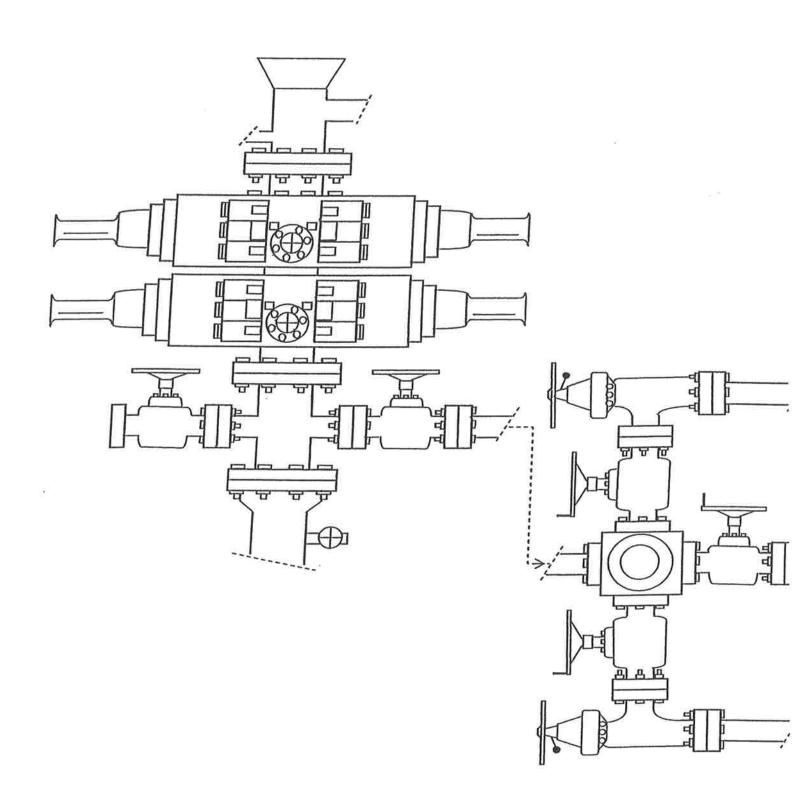
Ten Point Well Program & Thirteen Point Well Program Page 4 of 4

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

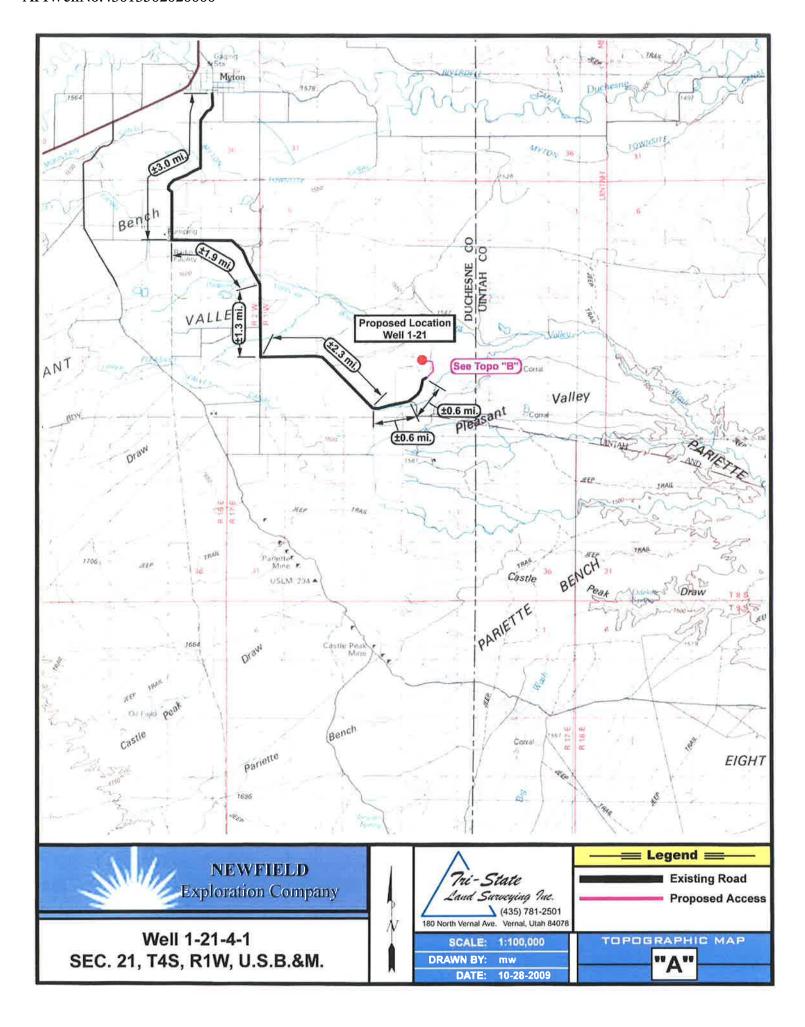
### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

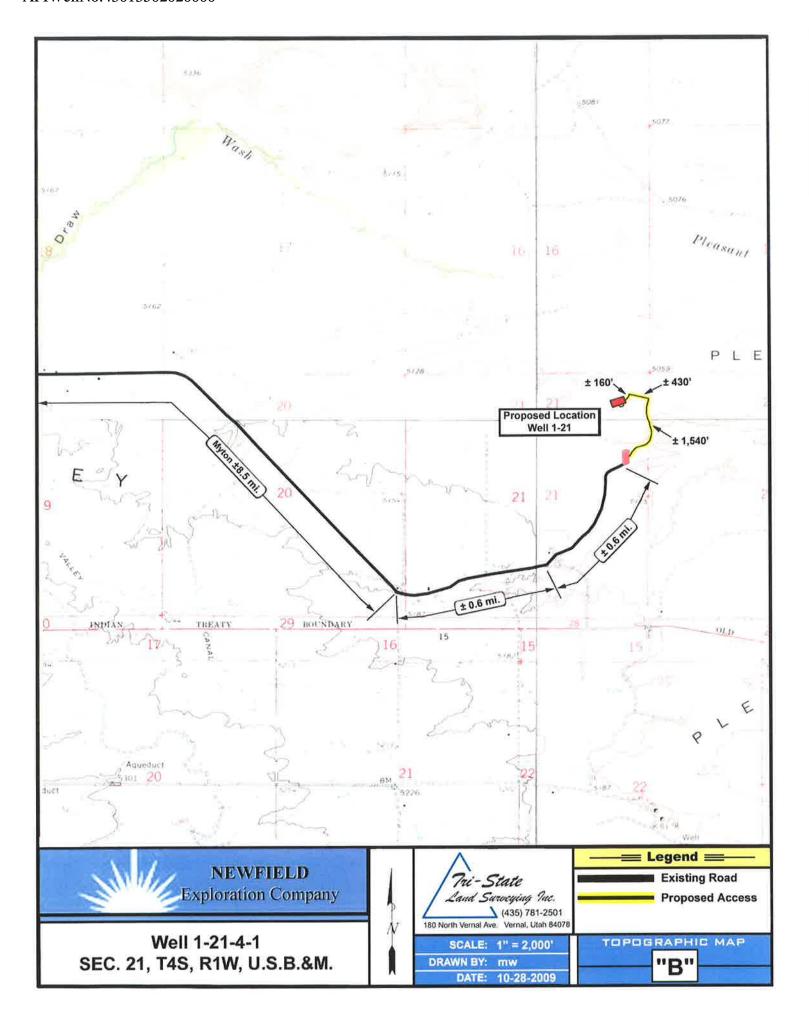
It is anticipated that the drilling operations will commence the second quarter of 2010, and take approximately seven (7) days from spud to rig release.

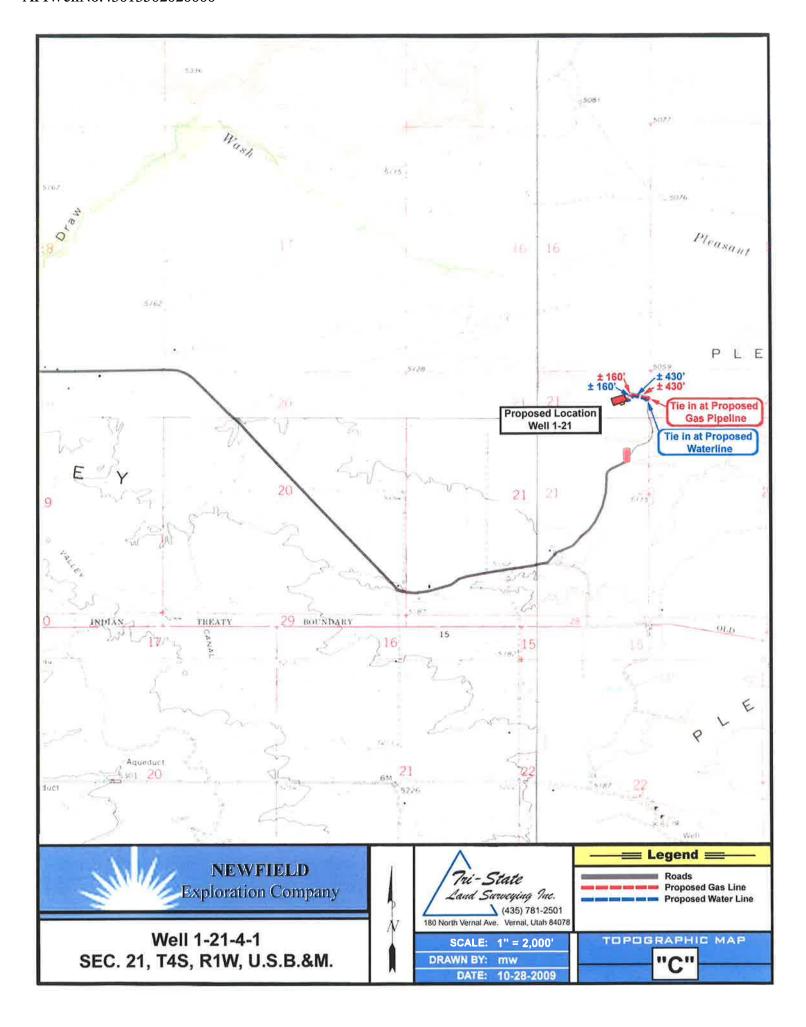
**2-M SYSTEM**Blowout Prevention Equipment Systems



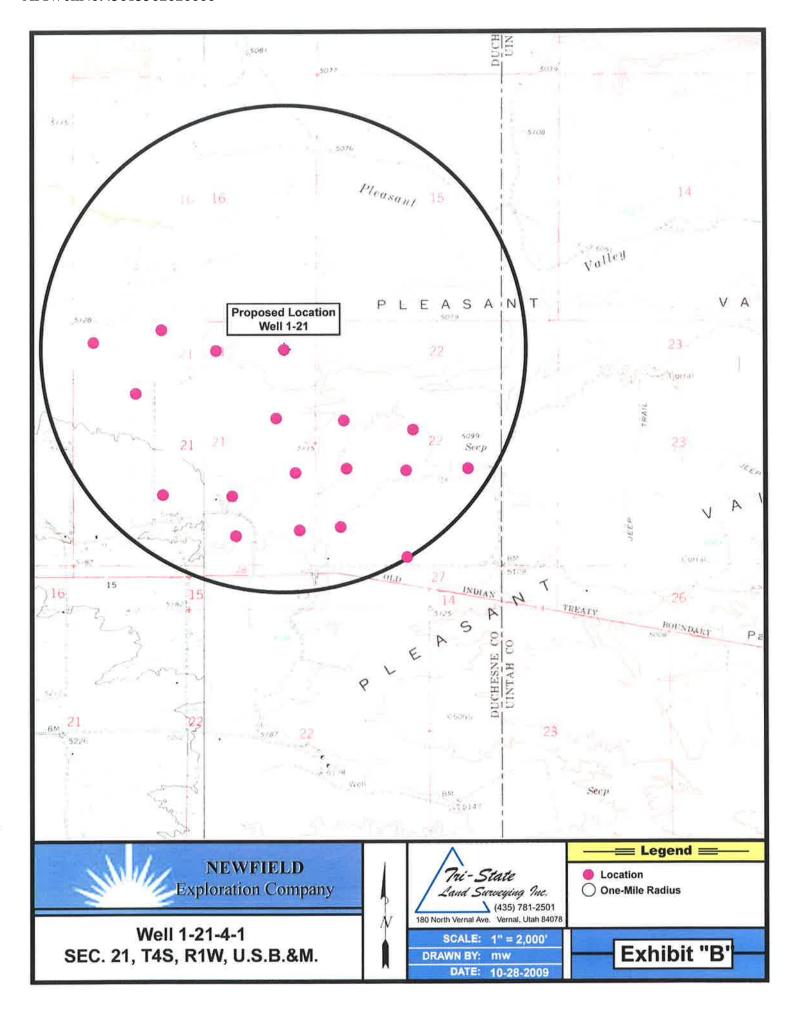
**EXHIBIT C** 







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Newfield Wells · Location	Surface Spud Drilling Waiting on Completion Producing Oil Well	Producing Gas Well Water Injection Well Dry Hole Temporarily Abandoned	Shut In Water Source Well  Water Disposal Well  In Include Control	Unit Outlines	8	128	· · · · · · · · · · · · · · · · · · ·	* *3	2	和 日 ビー 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日	я	# #	1	Exhibit A Dudicor, & Unital Commes	}
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# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 1-21-4-1 NE/NE SECTION 21, T4S, R1W DUCHESNE COUNTY, UTAH

### **ONSHORE ORDER NO. 1**

### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 1-21-4-1 located in the NE 1/4 NE 1/4 Section 21, T4S, R1W, Duchesne County, Utah:

Proceed in a southerly direction out of Myton, approximately 3.0 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 2.3 miles to it's junction with an existing road to the northeast; proceed northeasterly approximately 1.2 miles to it's junction with the beginning of the proposed access road; proceed along the proposed access road approximately 2,130' to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

### 2. PLANNED ACCESS ROAD

Approximately 2,130' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

### 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-7478

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

### 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

### 8. <u>ANCILLARY FACILITIES</u>

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

### 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

#### **Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

### 10. PLANS FOR RESTORATION OF SURFACE:

### a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be

reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

### b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Gerald N. Andersen Family Trust. See attached Memorandum of Surface Use Agreement and Easement ROW.

### 12. OTHER ADDITIONAL INFORMATION

Newfield Production Company requests 2,130' of disturbed area be granted to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 590' of disturbed area be granted for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both proposed lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** 

Newfield Production Company requests 590' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Both proposed lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological and Paleontological Report Waiver is attached.

### **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 1-21-4-1, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 1-21-4-1, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

### 13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

#### Representative

Name:

Tim Eaton

Address:

Newfield Production Company

Route 3, Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

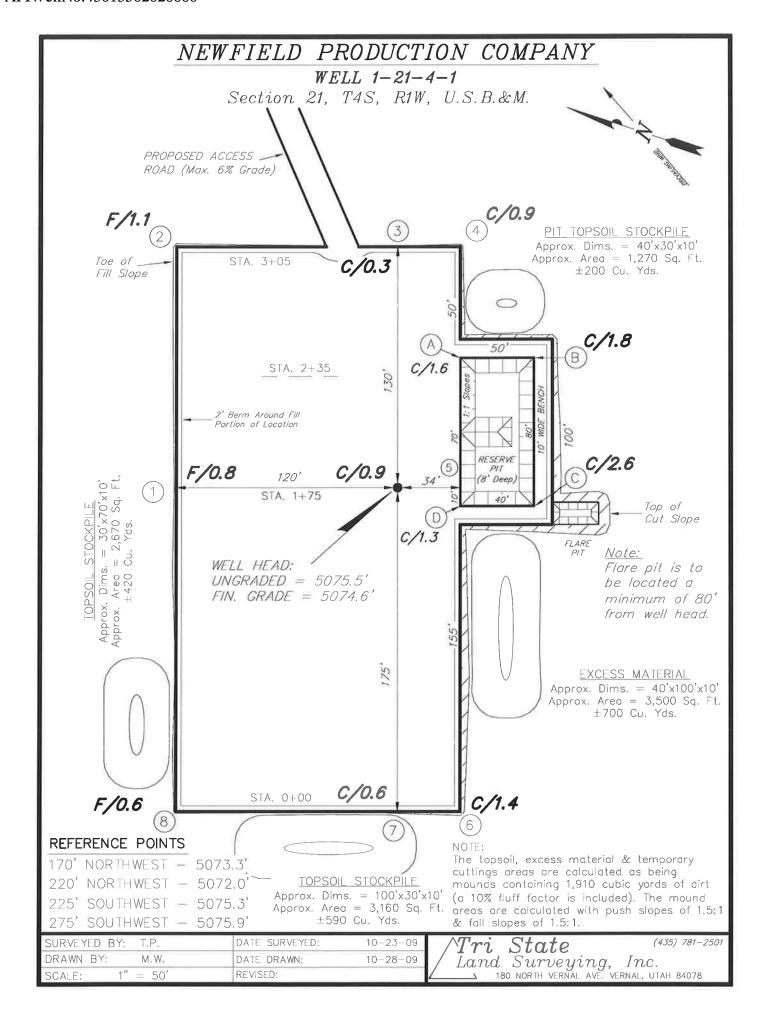
### Certification

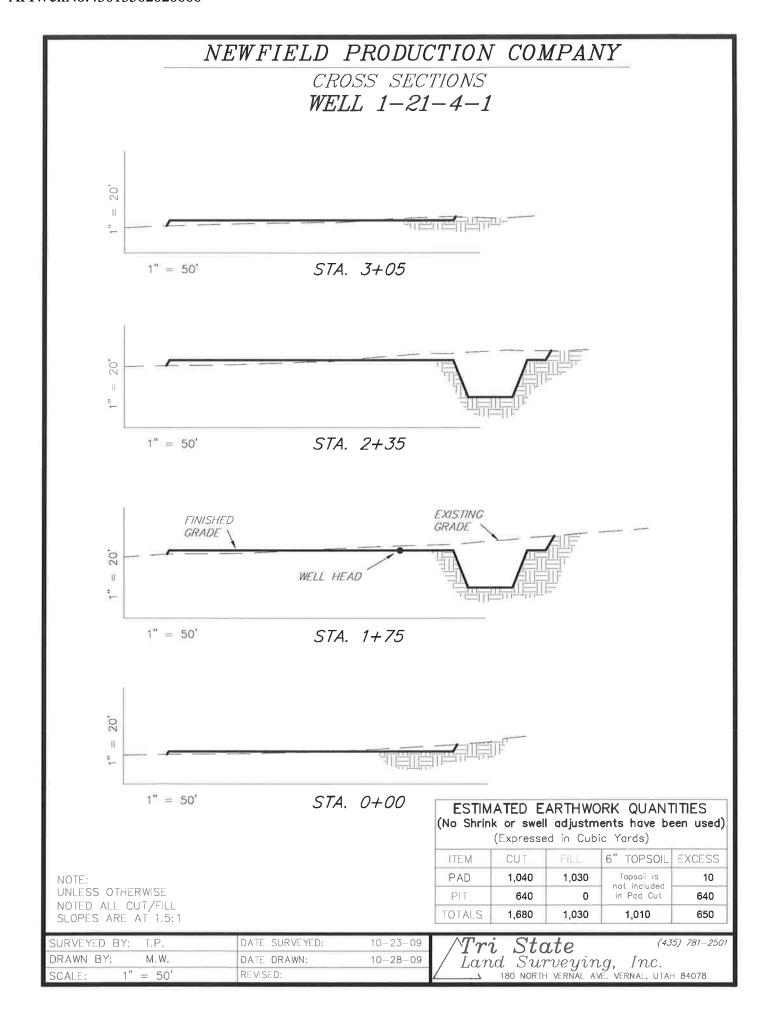
Please be advised that Newfield Production Company is considered to be the operator of well #1-21-4-1, NE/NE Section 21, T4S, R1W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

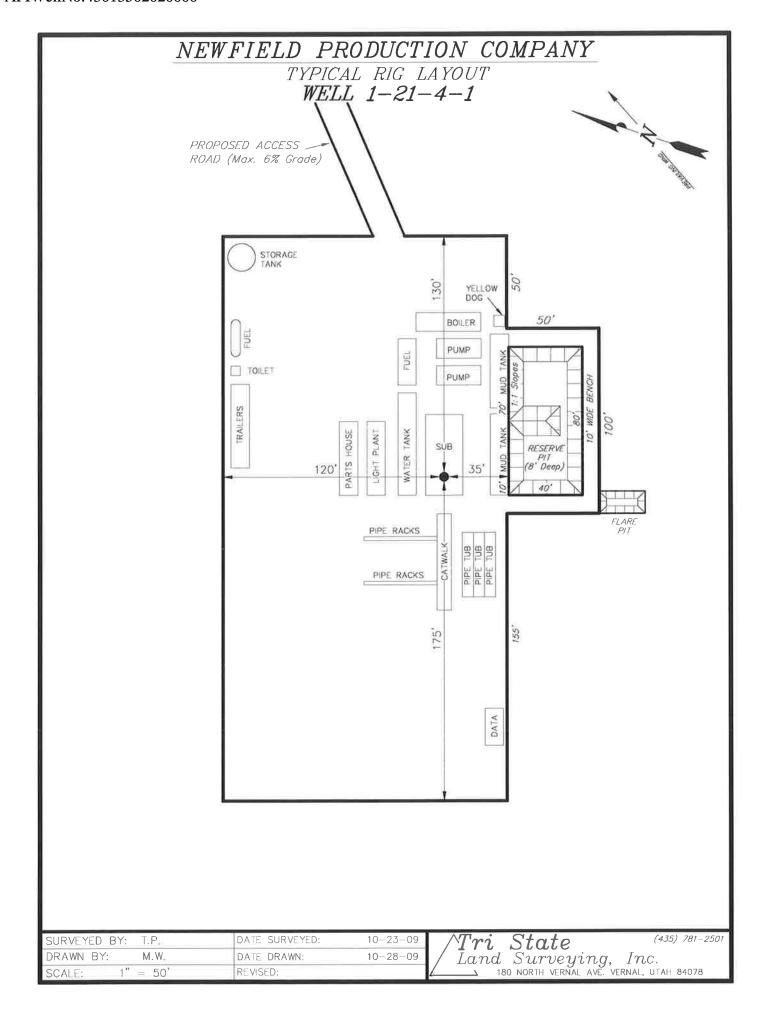
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

<u>12/15/09</u> Date

Mandie Crozier Regulatory Specialist Newfield Production Company

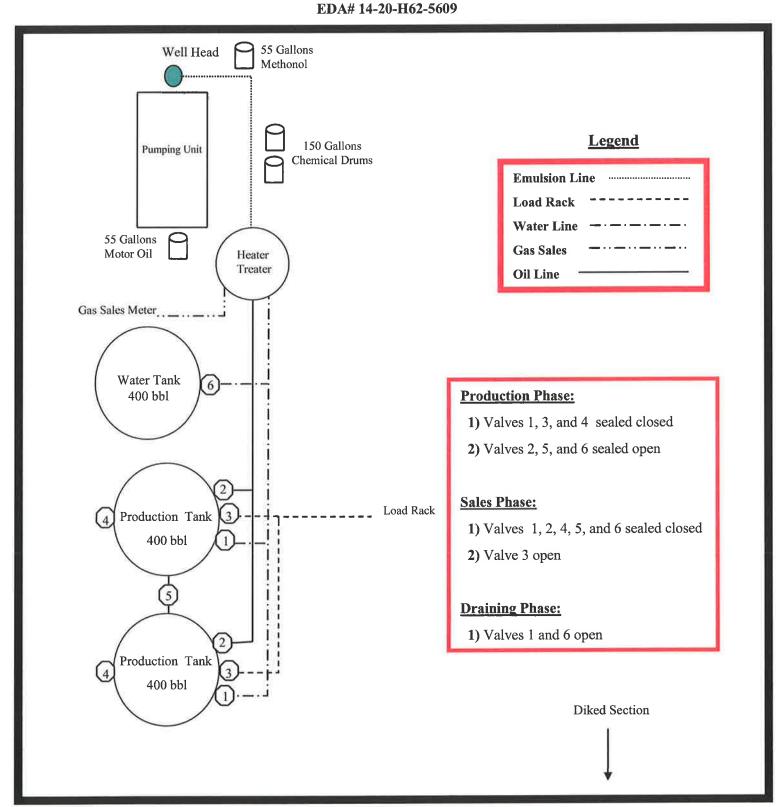






### **Newfield Production Company Proposed Site Facility Diagram**

Ute Tribal 1-21-4-1
NE/NE Sec. 21, T4S, R1W
Duchesne County, Utah



'APIWellNo:43013502020000'

### EXHIBIT D

Township 4 South, Range 1 West

Section 21: NENE (1-21-4-1)

NWNE (2-21-4-1)

NENW (3-21-4-1)

SENW (6-21-4-1)

SWNE (7-21-4-1)

Section 22: NENW (3-22-4-1)

NWNW (4-22-4-1)

Duchesne County, Utah

### ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER

For the above referenced location; Gerald N. Andersen Family Trust, Gerald N. Andersen. (Having a Surface Owner Agreement with Newfield Production Company)

Gerald N. Andersen, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 11/23/09 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

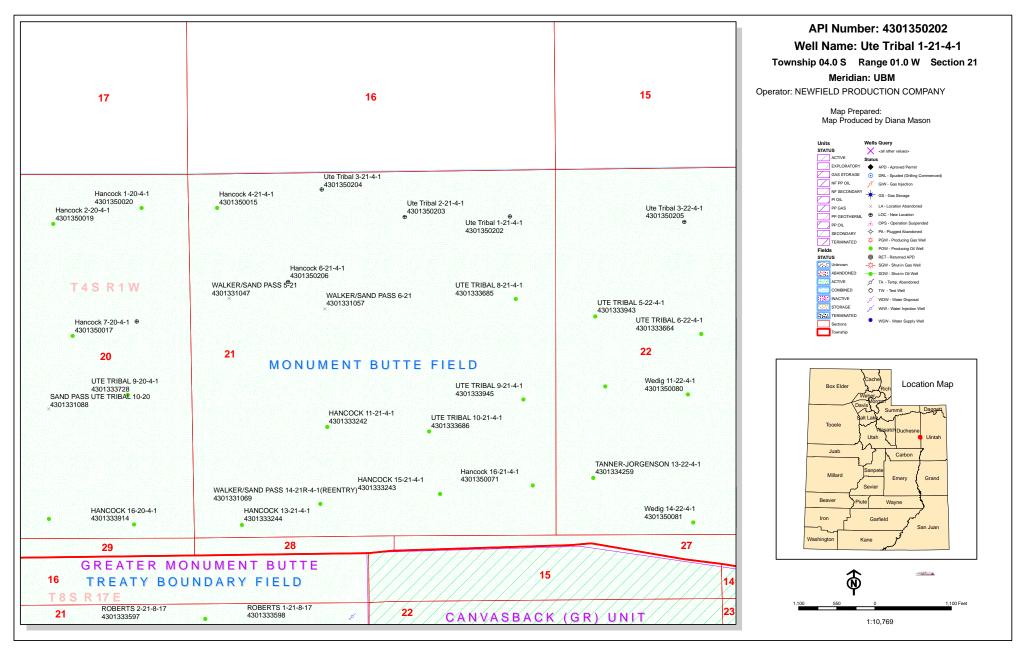
Gerald N. Andersen Date

Private Surface Owner

Brad Mecham

Date

Newfield Production Company



### **ON-SITE PREDRILL EVALUATION**

### Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY

Well Name Ute Tribal 1-21-4-1

API Number 43013502020000 APD No 2227 Field/Unit MONUMENT BUTTE

**Location: 1/4,1/4** NENE **Sec** 21 **Tw** 4.0S **Rng** 1.0W 662 FNL 660 FEL

GPS Coord (UTM) 585741 4442025 Surface Owner Gerald N. Andersen Family Trust

### **Participants**

Floyd Bartlett (DOGM), Tim Eaton, Brian Foote (Newfield Production Co.), Cory Miller and Tyson Reary (Tri State Land Surveying), James Hereferd (Bureau of Land Management).

### Regional/Local Setting & Topography

Floyd Bartlett (DOGM), Tim Eaton, Brian Foote (Newfield Production Co.), Cory Miller and Tyson Reary (Tri State Land Surveying), James Hereferd (Bureau of Land Management).

The location is approximately 10 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 160 feet of new construction across Anderson's private land will be required to reach the location.

The Hancock 1-21-4-1 oil well pad is proposed within a large greasewood flat in the bottom of a sub-drainage of Pleasant Valley Wash. This flat breaks off from a ridge to the south and west. A rocky knoll is beyond the site to the northeast. This flat probably has an elevated water table but no seeps of springs were noted. Imported borrow will probably be required to harden the pad surface. No drainages intersect the site and no diversions are needed.

The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

Gerald Anderson owns the surface of the location and surrounding area.

### Surface Use Plan

**Current Surface Use** 

Grazing

Wildlfe Habitat

Recreational

New Road Miles Well Pad Src Const Material Surface Formation

0.01 Width 204 Length 305 Onsite UNTA

**Ancillary Facilities** N

### **Waste Management Plan Adequate?**

### **Environmental Parameters**

Affected Floodplains and/or Wetlands N

2/1/2010 Page 1

### Flora / Fauna

The site was covered with about 6 inches of snow. Identified vegetation included greasewood, tamarik, and annual weeds.

Cattle, deer, small mammals and birds.

### **Soil Type and Characteristics**

Deep gravely sandy clay loam.

**Erosion Issues** N

**Sedimentation Issues** N

Site Stability Issues N

**Drainage Diverson Required?** N

Berm Required? Y

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? N Cultural Resources?

### **Reserve Pit**

Site-Specific Factors	Site Ra	anking	
Distance to Groundwater (feet)		20	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	300 to 1320	10	
<b>Native Soil Type</b>	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
<b>Annual Precipitation (inches)</b>		0	
Affected Populations			
<b>Presence Nearby Utility Conduits</b>	Not Present	0	
	Final Score	47	1 Sensitivity Level

### **Characteristics / Requirements**

The reserve pit will be 40' x 80' x 8' deep located in an area of cut on the southwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

### **Other Observations / Comments**

Evaluator	Date / Time
Floyd Bartlett	1/15/2010

2/1/2010 Page 2

2/1/2010

### **Application for Permit to Drill Statement of Basis**

Utah Division of Oil, Gas and Mining

API WellNo Well Type **CBM** APD No **Status Surf Owner** 2227 43013502020000 **LOCKED** OW No Gerald N. Andersen Family

**Operator** NEWFIELD PRODUCTION COMPANY **Surface Owner-APD** Trust

Well Name Ute Tribal 1-21-4-1 Unit

**Field** MONUMENT BUTTE Type of Work **DRILL** 

NENE 21 4S 1W U 662 FNL 660 FEL GPS Coord (UTM) 585749E 4442009N Location

**Geologic Statement of Basis** 

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the proposed drilling, casing and cementing programs.

> **Brad Hill** 1/28/2010 Date / Time **APD Evaluator**

### **Surface Statement of Basis**

The location is approximately 10 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 160 feet of new construction across Anderson's private land will be required to reach the location.

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The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

Gerald Anderson owns the surface of the location and surrounding area. A surface use agreement has been signed. Mr. Anderson was invited by telephone to the pre-site visit. He said he would not attend. The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Mr. James Hereford of the BLM, who acts for the Ute Indian Tribe, attended the pre-site and had no concerns regarding the area.

> Floyd Bartlett 1/15/2010 **Onsite Evaluator** Date / Time

### Conditions of Approval / Application for Permit to Drill

Category Condition

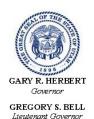
A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the Pits

Surface The well site shall be bermed to prevent fluids from leaving the pad. Surface The reserve pit shall be fenced upon completion of drilling operations. Page 1

### WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED:	12/15/2009	АР	I NO. ASSIGNED:	43013502020000
WELL NAME:	Ute Tribal 1-21-4-1			
OPERATOR:	NEWFIELD PRODUCTI	ON COMPANY (N2695)	PHONE NUMBER:	435 646-4825
CONTACT:	Mandie Crozier			
PROPOSED LOCATION:	NENE 21 040S 010W	Per	mit Tech Review:	
SURFACE:	0662 FNL 0660 FEL	Eng	jineering Review:	
воттом:	0662 FNL 0660 FEL		Geology Review:	
COUNTY:	DUCHESNE			
LATITUDE:			LONGITUDE:	
UTM SURF EASTINGS:	585749.00		NORTHINGS:	4442009.00
FIELD NAME:	MONUMENT BUTTE			
LEASE TYPE:	2 - Indian			
LEASE NUMBER:	20G0005609	PROPOSED PRODUCING FORMAT	TION(S): GREEN RI	VER
SURFACE OWNER:	4 - Fee	COA	ALBED METHANE:	NO
RECEIVED AND/OR REVIEW	VED:	LOCATION AND SITIN	G:	
<b>⊮</b> PLAT		R649-2-3.		
<b>☑</b> Bond: FEDERAL - WYB00	00493	Unit:		
Potash		R649-3-2. Genera	ıl	
Oil Shale 190-5				
Oil Shale 190-3		R649-3-3. Except	ion	
Oil Shale 190-13		✓ Drilling Unit		
<b>✓ Water Permit:</b> 43-7478		Board Cause No	: R649-3-2	
RDCC Review:		Effective Date:		
Fee Surface Agreemen	it	Siting:		
Intent to Commingle		R649-3-11. Direct	tional Drill	
Commingling Approved				
Comments: Presite Con	mpleted			
Stipulations: 4 - Federa	al Approval - dmason			

4 - Federal Approval - dmason 5 - Statement of Basis - bhill 23 - Spacing - dmason API Well No: 43013502020000



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

### **Permit To Drill**

\*\*\*\*\*

Well Name: Ute Tribal 1-21-4-1
API Well Number: 43013502020000
Lease Number: 2OG0005609
Surface Owner: FEE (PRIVATE)

**Approval Date:** 2/3/2010

### **Issued to:**

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during

API Well No: 43013502020000

drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

### **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

Gil Hunt

Associate Director, Oil & Gas

Xil Hut

Form 3160-4
\* (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOGIAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

			I	BURE	AU OF L	AND MAN	AGEMEN	ΙΤ						Expires: July	31, 2010
	WE	ELL CO	MPI	LETIO	N OR R	ECOMPLET	TION REP	ORT /	AND LOC	3		5. Lea	ase Ser	ial No.	
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o. Type of c	Sompletion.	Othe							ŕ			7. Un	it or C	A Agreement	Name and No.
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At top pro	d. interval re	eported be	low									12. C	ounty	or Parish	13. State
At total de	pth 7150'												HESN		UT
14. Date Spt 03/22/2010			15.	Date T. 1/04/201	D. Reached			ate Comp D & A	pleted 04/2 Read					ns (DF, RKB 5087' KB	, RT, GL)*
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A) Green I	River						6810-68			.36"		3		42	
B) Green									4 CP5 CPL			3		30	
C) Green							6445-64 4674-48			.34"		3		21	
D) Green 27. Acid, Fr		atment Co	ment	Saueeze	etc		4074-40	09 00	. 001	1.04				<u> </u>	
	Depth Inter								Amount and	Type of M	(aterial				
6810-6875	5'					20/40 sand in									
6598-6742						20/40 sand in									
6445-6455						20/40 sand in									
4674-4809 28. Product		-1 A		Frac w/	32546#'s	20/40 sand in	1 162 DDIS 0	Lighti	ing 17 Baic	1.					
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Produced		Tested	Pro	duction	BBL		BBL	Corr. A	.PI	Gravity	2-1	/2" x 1-1	1/2" X	17' x 20' RH	AC Pump
4-28-10	5-10-10	24		<b>—</b>	40		105		1	W. U. C.					
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<sup>\*(</sup>See instructions and spaces for additional data on page 2)

28. Production - Internal C   Class   Front File   Class   Front File   Class   Clas	01		musl C								
Production   Passed   Production   Passed   Production   Passed   Production   Passed   Production   Passed   Production   Passed   Passed   Production   Production   Passed   Production   Passed   Production   Production   Passed   Production   Passed   Production   Passed   Production   Production   Production   Passed   Production   Production   Production   Production   Passed   Production   Produc				Test	Oil	Gas	Water			Production Method	
State   Production   Interval D					BBL	MCF	BBL	Corr. API	Gravity		
E. Productions - Interval D  Interval Discription of Gas Date   Hours object    Interval Double   Test Date   Hours object    Interval Double   Hours object    Interval D		Flwg.		4					Well Status		
Test Date   Hours of trends   Production   March   Mar		51		-							
Second   S					10.1	- 6	hiv-t	Dil Crovity	Gos	Production Method	
Disposition of Cas (Solid, used for fuel, vanied, etc.)  Sign For Sign Constitution of Cas (Solid, used for fuel, vanied, etc.)  Summary of Porous Zones (Include Aquifors):  31. Formation (Log) Markets  GEOLOGICAL MARKERS    Solid   So		Test Date	1							r toduction wethou	
Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Pormation  Supplies the proof of		Flwg.		1			4	I	Well Status		
Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. De GARDEN GULCH MRK GARDEN GULCH ARK GARDEN GULCH 2 POINT 3 51287 X MRKR 5389 Y MMKR 5389 Y MMKR 5389 Y MMKR 5389 X MMKR 5389 Y MMKR 5389 X M	. Dispo	sition of Ga	s (Solid, 1	used for fuel, v	ented, etc.	)					
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. De GARDEN GULCH MRRK GARDEN GULCH 1 47622 GARDEN GULCH 2 77622 GARDEN GULCH 2 77622 GARDEN GULCH 2 77622 GARDEN GULCH 3 77622 GARDEN											
including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. De GARDEN GULCH MRK GARDEN GULCH 1 4702*  GARDEN GULCH 2 4825* POINT 3 5125*  X MRKR 5384* Y MRKR 5384* Y MRKR 5384* Y MRKR 5384* DOUGALS GREEK MRK BI CARGONATE MRK 5897* BLUESTON MRK 5897* CASTLE PEAK BASAL CARBONATE MRK 676* WASATCH 6887*  2. Additional remarks (include plugging procedure):  3. Indicates which items have been attached by placing a check in the appropriate boxes:	Sumn	nary of Porc	ous Zones	(Include Aqu	ifers):				31. Format	ion (Log) Markers	
Formation Top Bottom Descriptions, Contents, etc.    GARDEN GULCH MIRK GARDEN GULCH 1   4502   4702     GARDEN GULCH 1   4702   4702     GARDEN GULCH 2   4825   70017   51727     X MRKR	includi	ng depth in	t zones of terval test	porosity and or porosity por us	contents the	nereof: Cored ool open, flow	intervals and al ing and shut-in	ll drill-stem tests, pressures and	GEOLOG	ICAL MARKERS	
GARDEN GULCH 17  GARDEN GULCH 17  GARDEN GULCH 27  POINT 3 53847  X MRKR 53847  X MRKR 53847  DOUGALS CREEK MRK 55317  BLOWGALS ON THE MRK 5844  BLIMESTON MRK 5844  BLIMESTON MRK 5844  CASTLE PEAK 8381  CASTLE PEAK 8381  CASTLE PEAK 8381  CASTLE PEAK 8381  WASATCH 8887  2. Additional remarks (include plugging procedure):  DETECTION OF THE MACHINE STATE											Тор
GARDEN GULCH 1 4702  GARDEN GULCH 2 4825  FORM 3 5364  YMRKR 5384  SUCASSONATE WRK 5534  B LIMESTON MRK 5534  B LIMESTON MRK 5537  LELKSH 6285  CASTLE PEAK 63834  BASAL CARBONATE WRK 6761  WASATCH 6887  2. Additional remarks (include plugging procedure):    GARDEN GULCH 2 4702    GARDEN GULCH 2 5364    SAME	Formation		Тор	Bottom	·	Des	Descriptions, Contents, etc.		Name		Meas. Depth
X MRKR 5389  X MRKR 5389  DOUGALS CREEK MRK 5381  BLIMESTON MRK 5944  BLIMESTON MRK 5972  CASTLE PEAK 6363  BASAL CARBONATE 6761  WASATCH 6887  2. Additional remarks (include plugging procedure):    Castle Peak 6887    Castle Peak 6761   WASATCH   6887    Castle Peak 67											
DOUGALS CREEK MRK 5584' B LARSONATE MRK 5584' B LIMESTON MRK 1584' CASTLE PEAK BASAL CARBONATE  CASTLE PEAK BASAL CARBONATE  WASATCH  3. Indicate which items have been attached by placing a check in the appropriate boxes:										JLCH 2	
3. Indicate which items have been attached by placing a check in the appropriate boxes:    Gastle Peak Basal Carbonate   6383*											
2. Additional remarks (include plugging procedure):  3. Indicate which items have been attached by placing a check in the appropriate boxes:											
3. Indicate which items have been attached by placing a check in the appropriate boxes:    Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey     Sundry Notice for plugging and cement verification   Core Analysis   Other: Drilling Daily Activity     Administrative Assistant   Administrative Assistant     Oscilis (2010)   Oscilis (2010)   Oscilis (2010)     Oscilis (2010)   Oscilis (2010)   Oscilis (2010)     Os										N MRK	
2. Additional remarks (include plugging procedure):  3. Indicate which items have been attached by placing a check in the appropriate boxes:    Geologic Report											
3. Indicate which items have been attached by placing a check in the appropriate boxes:    Geologic Report									WASATCH		6887'
Electrical/Mechanical Logs (1 full set req'd.)  Sundry Notice for plugging and cement verification  Core Analysis  Other: Drilling Daily Activity  Let Chavez-Naopoto  Title  Administrative Assistant	2. Addı	nonai remar	ks (menu	ie prugging pr	oceume).						
Sundry Notice for plugging and cement verification	33. Indic	ate which it	ems have	been attached	by placin	g a check in th	ne appropriate b				
Name (please print) Lucy Chavez-Nausoto Title Administrative Assistant				_						<del></del>	
Name (please print) Lucy Chavez-Nameoto Title Administrative Assistant							omplete and cor	rrect as determined	from all available	records (see attached instruction	ons)*
05/25/2010							-				
			Lu	y Co.	NR	8			010		
itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United St	itle 10 t	18 C Sant	on 1001 -	and Title 42 II	S C Sant	ion 1212 mol-	e it a crime for	any person knowing	zly and willfully t	to make to any department or as	gency of the United States an

(Continued on page 3) (Form 3160-4, page 2)

### **Daily Activity Report**

## Format For Sundry UTE TRIBAL 1-21-4-1 2/1/2010 To 6/30/2010

### **UTE TRIBAL 1-21-4-1**

**Waiting on Cement** 

**Date:** 3/23/2010

Ross #29 at 360. Days Since Spud - 8 5/8" casing w/ 180 sks Class "G" + 2% CaCl2 + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - On 3/22/10 Ross Rig #29 spud Ute Tribal 1-21-4-1, drilled 360' of 12 1/4" hole, and ran 8 jts 8 5/8" - casing (guide shoe, shoe jt, baffle plate, 7 jts) set @ 362.52' KB. On 3/23/10 BJ Services cemented - Returned 4 bbls to pit.

Daily Cost: \$0

Cumulative Cost: \$56,335

### **UTE TRIBAL 1-21-4-1**

**Waiting on Cement** 

**Date:** 3/30/2010

Ross #29 at 360. 0 Days Since Spud - Rig down and prepare for rig move

Daily Cost: \$0

Cumulative Cost: \$61,625

### **UTE TRIBAL 1-21-4-1**

### Drill 7 7/8" hole with fresh water

**Date:** 3/31/2010

NDSI #1 at 1442. 1 Days Since Spud - Survey, Install rotating rubber and drive bushings - Drill 7 7/8" hole F/ 719' to 1442 w/ 15K WOB,TRPM-124,GPM-309,Avg ROP- 96 ft/hr - No H2S or flow in last 24 hours - Fix back brake clutch on draworks - Drill 7 7/8" hole F/ 300' to 363' w/ 10KWOB,TRPM-124,GPM-309,Avg ROP126 ft/hr - Pick up bit,.208mud motor,directional tools, drill collars Tag @ 300' - Test kelly,safety valve,pipe&blind rams choke to 2000#/10min & casing to 1500# /30minutes - Move rig .5miles w/ RWJones, Set equipment and rig up - Drill 7 7/8" hole F/ 363' to 719' w/ 15K WOB,TRPM-124, GPM-309 Avg ROP-118 ft/hr

Daily Cost: \$0

**Cumulative Cost:** \$94,811

#### **UTE TRIBAL 1-21-4-1**

### Drill 7 7/8" hole with fresh water

**Date:** 4/1/2010

NDSI #1 at 3722. 2 Days Since Spud - Rig Service, check crownnomatic and BOP - No H2S or flow in last 24 hours - Drill 7 7/8" hole F/ 2408' to 3722' w/ 20K WOB,TRPM-125,GPM-310, Avg ROP-91 ft/hr - Drill 7 7/8" hole F/ 1442' to 2408' w/ 20K WOB,TRPM-125, GPM-310, Avg Rop-107 ft/hr

Daily Cost: \$0

**Cumulative Cost:** \$123,101

### **UTE TRIBAL 1-21-4-1**

### Drill 7 7/8" hole with fresh water

**Date:** 4/2/2010

NDSI #1 at 5225. 3 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/ 4225' to 5225' w/ 18K WOB, TRPM-125, GPM-335, Avg ROP-91 ft/hr - Slid 8' @ 4013' - Drill 7 7/8" hole F/ 3722' to 4225' w/ 18K WOB, TRPM-120, GPM-335, ROP-110

Daily Cost: \$0

**Cumulative Cost:** \$144,491

#### **UTE TRIBAL 1-21-4-1**

#### Lay Down Drill Pipe/BHA

**Date:** 4/3/2010

NDSI #1 at 7150. 4 Days Since Spud - Service rig - function test BOP and check crownomatic. - Circulate bottoms for logs. - Drill 7 7/8" hole from 6196' to 7150' with 18,000 lbs WOB, 120 total RPM, 310 GPM, 83.0 fph avg ROP - Drill 7 7/8" hole from 5225' to 6196' with 18,000 lbs WOB, 115 total RPM, 310 GPM, 82.6 fph avg ROP

Daily Cost: \$0

Cumulative Cost: \$192,061

#### **UTE TRIBAL 1-21-4-1**

**Wait on Completion** 

**Date:** 4/4/2010

NDSI #1 at 7150. 5 Days Since Spud - Circulate csg - CMT w/BJ Pump 320 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - yield @ 3.54 Then tail of 450 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 37 bbls to pit Bump plug to 2550 psi - Nipple down set 5.5 csg slips w/ 125,000# tention - Clean Mud tanks - Tear down - Release rig @ 03:30 pm on 4/4/10 - R/U Quicktest - test csg rams @ 2000psi - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' (loggers TD 7152') - Lay down DP, BHA and Extreme tools - Circulate for logs - R/U QT csg run 164jt 5.5 15.5# j-55 LTC-tag -GS set @ 7138.79' KB -FC set @ 7095.80' KB **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$316,372

Pertinent Files: Go to File List

FORM 3160-5

# UNITED STATES

FORM A	PPROVEI
OMB No.	1004-013
Evnivee: h	dv 31 201

SUNDRY Do not use t abandoned w  SUBMIT IN  1. Type of Well Qoil Well Gas Well 2. Name of Operator	Expires: July 31,2010  5. Lease Serial No.  MON BUTTE EDA 20G0005609  6. If Indian, Allottee or Tribe Name.  7. If Unit or CA/Agreement, Name and/or  8. Well Name and No.  UTE TRIBAL 1-21-4-1				
NEWFIELD PRODUCTION CO	OMPANY			9. API Well No.	
3a. Address Route 3 Box 3630		3b. Phone (include a	re code)	4301350202	I
Myton, UT 84052  4. Location of Well (Footage, 1)	Sec., T., R., M., or Survey Descri	435.646.3721		MONUMENT E	l, or Exploratory Area
. Docation of Won (1 botage, 1	Jec., 1., 1., 11., or 5th vey 15 chors	puon		11. County or Par	
NENE Section 21 T4S R1W					ven.
			····	DUCHESNE, U	
12. CHECK	X APPROPRIATE BOX(E	ES) TO INIDICATE N	ATURE OF NO	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
□ Notice of Intent □ Subsequent Report □ Final Abandonment	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclamati Recomple	olete		
Bond under which the work will be p of the involved operations. If the op Final Abandonment Notices shall be inspection.)  On 3/22/10 MIRU Ross # Set @ 362.52' KB. On 3/2	peration: (Clearly state all pertitions do recomplete horizontally, give subsu performed or provide the Bond No. or peration results in a multiple completic filed only after all requirements, incl. 29. Spud well @ 9:00 AM 23/10 cement with 180 sks d 4 bbls cement to pit. WC	urface locations and measured and in file with BLM/BIA. Required ion or recompletion in a new introducing reclamation, have been on the luding reclamation, have been on the luding reclamation, which is of class "G" w/ 2% Castron and the luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of class "G" w/ 2% Castron and luding reclamation of 12 1/4" has of 12	nd true vertical depths I subsequent reports sl erval, a Form 3160-4 s completed, and the ope Ole with air mist	of all pertinent markenall be filed within 30 shall be filed once test rator has determined to the TIH W/ 8 Jt's 8	rs and zones. Attach the days following completion ing has been completed. hat the site is ready for final B 5/8" J-55 24# casing.
hereby certify that the foregoing is	true and	Title			

Signature Date 03/23/2010 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office

Drilling Foreman

which would entitle the applicant to conduct operations thereon Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United PECEIVED States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

Mitch Bengo

# NEWFIELD PRODUCTION COMPANY - CASING & MENT REPORT

			8 5/8"	CASING SET A	г	362.52	-		
LAST CASING			16				Newfield   BAL 1-21-4	Exploration -1	Company
DATUM TO CUT		NG	12	-			Monumen		
DATUM TO BRA				_		_		Ross Rig #2	9
TD DRILLER								,	
-	12 1/4"	•							
				<u> </u>					
LOG OF CASING	3 STRING:								
PIECES	OD	ITEM - M	AKE - DES	CRIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
1		Well Head						A	0.95
8	8 5/8"	ST&C Cas	ing		24	J-55	STC	A	350.67
1		Guide Sho	е					A	0.9
									·
									,
								·······	
CASING INVENT	ORY BAL.		FEET	JTS	TOTAL LEN				352.52
TOTAL LENGTH	OF STRIN	<u> </u>	352.52	88	LESS CUT				2
LESS NON CSG			1.85		4		CUT OFF CS	G	362.52
PLUS FULL JTS.	LEFT OUT		0		CASING SE	ET DEPTH		,	362.52
	TOTAL		350.67	8	<u>ا</u> ا				
TOTAL CSG. DEL. (W/O THRDS)			350.67	8	} сомра	RÉ			
T	IMING								
BEGIN RUN CSC	Э	Spud	9:00 AM		1		OB		
CSG. IN HOLE			5:00 PM		ł		URFACE	4	
BEGIN CIRC			12:36 PM	3/23/2010	JRECIPROC	ATED PIP	No_No		

12:45 PM

12:57 PM

1:07 PM

BEGIN PUMP CMT

BEGIN DSPL. CMT

PLUG DOWN

3/23/2010

3/23/2010

3/23/2010

BUMPED PLUG TO 332

CEMENT USED		CE	MENT COMPANY-	BJ Services	
STAGE	# SX		MENT TYPE & ADDIT		
1	180	Cla	ass "G" + 2% CaCl2 + 0.25#	/sk Cello Flake at 15.8 ppg w/ 1.1	7 yield.
	<u> </u>				
	-				
			<del></del>		
CENTRALIZER &	SCRATCHE	R PLACEMENT		SHOW MAKE & SPACI	NG
Middle of first, t	op of second	, and third for a total o	of three.		
COMPANY REP	RESENTATIV	Mitch Benso	on	DATE_	3/23/2010

•	DEPARTMENT OF NATURAL RESOURCES							
			5. LEASE DESIGNATION AND SERIAL NUMBER: MON BUTTE EDA 20G0005609					
	SUNDRY	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
D	o not use this form for proposals to dr wells, or to drill horizont	7. UNIT or CA AGREEMENT NAME:						
I. TY	PE OF WELL: OIL WELL		8. WELL NAME and NUMBER: UTE TRIBAL 1-21-4-1					
2. NA	ME OF OPERATOR:				9. API NUMBER:			
N:	EWFIELD PRODUCTION CON	<u></u>			4301350202			
3. AD	DRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:			
Ro	ute 3 Box 3630	CITY Myton STATE UT	ZIP 84052	435.646.3721	MYTON/TRIBAL EDA			
	4. LOCATION OF WELL:  FOOTAGES AT SURFACE:  COUNTY: DUCHESNE							
от	R/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: NENE, 21, T4S, R1W			STATE: UT			
11.	CHECK APPRO	PRIATE BOXES TO INDICATI	E NATURE	OF NOTICE, REP	ORT, OR OTHER DATA			
Т	YPE OF SUBMISSION		TY	PE OF ACTION				
		ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION			
Ш	NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL			
	Approximate date work will	CASING REPAIR	NEW CONS	RUCTION	TEMPORARITLY ABANDON			
		CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPAIR			
		CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLAIR			
X	SUBSEQUENT REPORT	CHANGE WELL NAME	PLUGBACE		WATER DISPOSAL			
	(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	ON (START/STOP)	WATER SHUT-OFF			
	Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	TON OF WELL SITE	OTHER: - Weekly Status Report			
	04/28/2010	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION				
		OMPLETED OPERATIONS. Clearly show as completed on 04-28-10, attached			volumes, etc.			

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

(This space for State use only)

MAY 0 3 2010

#### **Daily Activity Report**

# Format For <u>Sundry</u> UTE TRIBAL 1-21-4-1 2/1/2010 To 6/30/2010

4/16/2010 Day: 1

Completion

Rigless on 4/16/2010 - CBL/Perferatd 1st stage. - RU Cameron BOP's and pressure test frac head, casing, & BOP's to 4500 psi. RU Perferators WL and run CBL. WL TD 7057' and estimated CT @ 76'. Perforated BsCarb as shown in perforation report. SWIFN

**Daily Cost:** \$0

**Cumulative Cost:** \$13,206

4/21/2010 Day: 2

Completion

Rigless on 4/21/2010 - Frac well. Screened out stage #1 BsCarb sands. Flow well back. - Stage #1; RU BJ Services "Ram Head" frac flange. BJ broke down (3 hours transport truck). RU BJ & open well w/ 0 psi on casing. Perfs broke down @ 3487 psi back to 2703 psi. ISIP was 2427 w/ .79FG. 1 min was 2308. 4 min was 2211. Pump 24 bbls of 15% HCL acid (had psi drop when acid hit perfs). Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 10,000#'s of 100 mesh & 65,000#'s of 30/50 sand in 1871 bbls of slick water. Treated @ ave pressure of 3488 @ ave rate of 60 bpm w/ 2ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. BJ lost pumps & screened out frac w/ 2500#'s of 2ppg in perfs & 5000#'s of 2ppg in casing w/ 96 bbls short in flush w/ 70,000#'s in perfs. 2039 bbls EWTR. Flow well back. Well flowed for 5 hours & rec'd 600 bbls & shut in w/ 1339 bbls EWTR.

Daily Cost: \$0

**Cumulative Cost:** \$74,761

4/22/2010 Day: 3

Completion

Rigless on 4/22/2010 - Finish frac well. Flow well back. Set kill plug. - Stage #3; RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 6540'. Perferate CP2 sds @ 6445-55' w/ 3 spf for total of 30 shots. Open well w/ 1918 psi on casing. RU BJ & perfs broke down @ 2221 psi back to 2141 w/ 2bbls @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 61,639#'s of 20/40 sand (10,000# was 1-5 ppg w/ 30/50 sand) in 588 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2575 w/ ave rate of 40 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2378 w/ .80FG. 5 min was 2060. 10 min was 2011. 15 min was 1977. Leave pressure on well. 3870 bbls EWTR. - Stage #4; RU WLT. RIH w/ frac plug & 4',3' perf guns. Set plug @ 4900'. Perferate GG1 sds @ 4805-09', GG sds @ 4674-77' w/ 3 spf for total of 21 shots. Open well w/ 1947 psi on casing. RU BJ & perfs broke down @ 2061 psi back to 1990 w/ 2bbls @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 32,546#'s of 20/40 sand in 393 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2329 w/ ave rate of 40 bpm w/ 8 ppg of sand. ISIP was 1700 w/ .79FG. 5 min was 1612. 10 min was 1522, 15 min was 1493, 4263 bbls EWTR. Flow well back. Well flowed for 5 hours & turned to oil. RU PSI WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite solid plug & set @ 4600'. RD WLT. SIFN w/ 3500 bbls EWTR. - Stage #2; RU PSI WLT, crane & lubricator. Open well w/ 1700 psi on casing. RIH w/ Weatherford 5-1/2" composite flow through (6K) frac plug & 4',3', 5-2' perf guns. Set plug @ 6770'. Perferate CPLime sds @ 6738-42, 6694-96', CP5 sds @ 6681-84', CP Lime sds @ 6658-6660', 6634-36', 6624-26', CP4 sds @ 6598-6600' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 51 shots. RU BJ & perfs broke down @ psi back to w/ bbls @ bpm. ISIP was 3255 w/ .92FG. 1 min was 2135. 4 min was 1973. Pump 24 bbls of 15% HCL acid (had 200 psi drop in psi when hit perfs). Pump

30 gals of Techni Hib chemical @ 4% by volume. Bullhead acid in @ 3900 psi @ 6 bpm. Shut down & RIH w/ 8 gals of 15% HCL acid in dump bailer. Frac w/ 10,000#'s of 100 mesh & 55,000#'s of 30/50 sand in bbls of slick water. Cut sand short due to pressure. Treated @ ave pressure of 3474 w/ ave rate of 60 bpm w/ 2ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2229 w/ .77FG. 5 min was 1983. 10 min was 1947. 15 min was 1923. Leave pressure on well. 3282 bbls EWTR.

Daily Cost: \$0

**Cumulative Cost:** \$193,943

#### 4/23/2010 Day: 4

Completion

Rigless on 4/23/2010 - Move rig on well. PU tbg. Drlg plug. - MIRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5#, 8EUE tbg to tag plug @ 4600'. RU 4-star swivel, pump & tanks. Drlg out plug in 1 hours (ugly swivel). EOT @ 4620'. Turn well over to flow back hand. Well flowed for 4 hours. Rec'd 550 bbls water. SIFN w/ 2950 bbls EWTR.

Daily Cost: \$0

**Cumulative Cost:** \$235,465

#### 4/25/2010 Day: 5

Completion

WWS #1 on 4/25/2010 - Drlg plugs. C/O to PBTD. Swab well. - Open well w/ 550 psi on tbg. Flowed well for 15 min. Pump 40 bbls down tbg. TIH w/ tbg to tag plug @ 4900'. Drlg out plug #1. TIH w/ tbg to tag plug @ 6540'. Drlg out plug #2. TIH w/ tbg to tag plug @ 6770'. Drlg out plug #3. TOH w/ tbg to tag fill @ 6950'. C/O to PBTD @ 7094'. LD 2 jts tbg. Rig up swab equipment & made 12 runs to rec'd 150 bbls of fluid. FFL was 1100'. Last run showed trace of oil. RD Swab equip. TIH w/ tbg to tag no new sand. LD 6 jts tbg. SIFN w/ 2800 bbls EWTR.

Daily Cost: \$0

**Cumulative Cost:** \$240,765

#### 4/26/2010 Day: 6

Completion

WWS #1 on 4/26/2010 - TIH w/ production tbg. - Open well w/ 500 psi on casing. TOOH w/ tbg. RD Chomp mill & x-over sub. TIH NC, 2 jts tbg, SN, 1 jt tbg, TA new Cntrl Hydrlc w/ 45,000# shear, 217 jts tbg. RD BOP's Set TA @ 6836' w/ 18,000#'s tension w/ SN @ 6870' & EOT @ 6935'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Cntrl Hydrlc RHAC pump w/ 182"SL, 6- 1-1/2" weight bars, 20- 3/4" guided rods, 120- 3/4" slick rods, SIFN w/ 2800 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$245,600

#### 4/28/2010 Day: 7

Completion

WWS #1 on 4/28/2010 - TIH w/ production. Put well on pump. - Open well w/ 300 psi on csg. Pump 40 bbls down tbg. Continue TIH w/ rods. 29- 3/4" plain, 99- 7/8" guidd, 2',6',8' X 7/8" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 11AM w/ 124"SL, 5.5spm w/2800 bbls WTR. Final Report. **Finalized** 

Daily Cost: \$0

**Cumulative Cost: \$290,817** 

**Pertinent Files: Go to File List** 

## Soud BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig #21 Submitted By Mitch Benson Phone Number 823-5885 Well Name/Number Ute Tribal 1-21-4-1

Qtr/Qtr NE/NE Section 21 Township 4S Range 1W Lease Serial Number 20G0005609 API Number 43-013-50202 Spud Notice - Spud is the initial spudding of the well, not drilling out below a casing string. Date/Time 3/22/10 12:00 AM  $\square$  PM  $\boxtimes$ Casing – Please report time casing run starts, not cementing times. **Surface Casing Intermediate Casing Production Casing** Liner Other Date/Time <u>3/22/10</u> <u>7:00</u> AM ☐ PM ☒ **BOPE** Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other Date/Time \_\_\_\_ AM PM Remarks \_\_\_\_\_

OPERATOR: NEWFIELD PRODUCTION COMPANY

OPERATOR ACCT. NO.

N2695

ADDRESS: RT. 3 BOX 3630

MY	TON,	UT	84052	

ACTION	CHORGUE	T									
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	APINUMBER	WELL NAME	QQ	SC	WELL	OCATION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
			· · · · · · · · · · · · · · · · · · ·	GREATER BOUNDARY II	+	1 30	IP.		COORT	DAJE	DATE
В	99999	17400 °	4301334127	L-3-9-17	NESE	3	95	17E	DUCHESNE	3/25/2010	4/5/10
WELL 1 C	OMMENTS:										1/0//
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ACTION	CURRENT	NEW	API NUMBER	WELL NAME		WE	LL LOCAT	10N		SPUD	EFFECTIVE
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A	99999	17540	4301334209	UTE TRIBAL 6-30-4-2	SENW	30	48	2W	DUCHESNE	3/21/2010	4/5/10
	GRRI	)								e de la constitución de la const	
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME			WELL I	OCATION		SPUD	EFFECTIVE
	Little No.	LINITI NO.			QQ	SC	IP		COUNTY	SPUD DATE	2.1.201172
A	99999	17561	4301350202	UTE TRIBAL 1-21-4-1	NENE	21	48	1W	DUCHESNE	3/22/2010	4/5/10
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		ENTIT NO.	****		QQ	SC	TΡ	RG	COUNTY	DATE	DATE
WELL 5 CO	OMMENTS:	<u> </u>				<b>I</b>			<u>L</u>		
ACTION	CURRENT	NEW	ADI MUNICIPALITA								
CODE	ENTITY NO.	ENTITY NO.	API NUMBER	WELL NAME	QQ			OCATION		SPUD	EFFECTIVE
					QQ.	SC.	TΡ	RG	COUNTY	DATE	DATE
WELL 5 CO	DMMENTS:										
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A-11	ODES (See instructions on back new entity for new well (single s	vell only)	***************************************							000	
B- •\ C- fi	well to existing entity (group or o com one existing entity to anothe	init well)			- 1777				X	1//11/2	lonini D- iti
D- v	vell from one existing entity to a	n existing entity		RECEIVE	:U			•	Signature	* *  /V	Jentri Park
	ner (explain in comments sectio								B	/	•
NOTE: Us	e COMMENT section to explain	why each Action Code	was selected.	MAR 2 9 20	10				Production Clerk	V	03/26/10 Date

DIV. OF OIL, GAS & MINING

Form 3160 -3 (August 2007)

# UNITED STATES

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

DEPARTMENT OF THE BUREAU OF LAND MA	5. Lease Seri 20G00				
APPLICATION FOR PERMIT TO	6. If Indian, A	Allotee or Tribe Name			
ia. Type of work:  DRILL  REEN	TER	7. If Unit or C.	A Agreement, Name and No.		
lb. Type of Well: Oil Well Gas Well Other	✓ Single Zone  Mul	8. Lease Nam tiple Zone Ute Tribal			
2. Name of Operator Newfield Production Company		9. API Well N	13 50202		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		ool, or Exploratory		
Location of Well (Report location clearly and in accordance with a At surface NE/NE 662' FNL 660' FEL     At proposed prod. zone	any State requirements.*)		f. or Blk.and Survey or Area 1, T4S R1W		
14. Distance in miles and direction from nearest town or post office* Approximately 10.1 miles southeast of Myton, UT		12. County or P Duchesne			
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 660' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease  NA	17. Spacing Unit dedicated to 40 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1530'	the from proposed location*  19. Proposed Depth  20. BLM/ 25 well, drilling, completed.				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5076' GL	22. Approximate date work will st		23. Estimated duration (7) days from SPUD to rig release		
The following, completed in accordance with the requirements of Onsh	24. Attachments	attached to this form:	· · · · · · · · · · · · · · · · · · ·		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover Item 20 above) 5. Operator certif	the operations unless covered	by an existing bond on file (see		
25. Signature Landie Cusain	Name (Printed/Typed) Mandie Crozier		Date V25/10		
Title Carlotte Regulatory Specialist		· 	·		
Approved by (Signature)	Name (Printed/Typed)  James H	l. Sparger	Date FEB 0 9 2010		
Title ASSISTANT Field Manager Lands & Mineral Resources	VE	RNAL FIELD OFF	ICE		
Application approval does not warrant or certify that the applicant hol conduct operations thereon.  Conditions of approval, if any, are attached.	ds legal or equitable title to those rig		ould entitle the applicant to		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as	s to any matter within its jurisdiction.	willfully to make to any departr	nent or agency of the United		
(Continued on page 2)	DEPT OF THE INTER	*(	(Instructions on page 2)		
-	* ===	11ATIAT	OF ADDROVAL		

NOTICE OF APPROVAL

2010 JAN 26 PM 12 42

**RECEIVED** FEB 17 2010

NEWNY LIETD OFFICE





170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

**Newfield Production Company** 

Ute Tribal 1-21-4-1

43-013-50202

Location: Lease No: NENE, Sec. 21, T4S, R1W

2OG0005609

Agreement:

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER: (435) 781-3420** 

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 7 Well: Ute Tribal 1-21-4-1 1/27/2010

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

NONE

Page 3 of 7 Well: Ute Tribal 1-21-4-1 1/27/2010

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

#### Variances Granted:

#### **Drilling:**

- Variance on using a diverter bowl in place of a rotating head. The diverter bowl forces the air and cutting returns to the reserve pit and is used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a nonhydrocarbon bearing zone and thus has no possibility of gas pressure.
- Variance is granted on using a blooie line with a discharge less than 100 feet from the wellbore in order to minimize the size of the well pads and direct the cuttings and circulating mediums into the reserve pit. The well bore is located approximately 35 feet from the reserve pit which is 40 feet wide; a 100 foot blooie line would discharge the cuttings and circulating mediums across the reserve pit and off the location. The requested length of the blooie line to drill the surface casing (surface to a total depth of 350 feet) is 35 feet. The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.
- Variance is granted on operating without an automatic igniter or continuous pilot light on the blooie line due to the fact the air rig is only used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a nonhydrocarbon bearing zone and thus has no possibility of gas pressure.
- Variance granted permission to use a trailer mounted compressor located less than 100 feet from the well bore in order to minimize the well pad size. The trailer mounted compressor is located 50 feet from the wellbore and in an opposite direction of the blooie line. The compressor has the following safety features: (1) shut off valve on the trailer that is located approximately 15 ft from the air rig, (2) pressure relief valve on the compressor, and (3) Spark arresters on the motors. The compressor only used in the drilling of the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.
- Operator must notify BLM Vernal office of any active Gilsonite operation within 2 miles of the location 48 hours prior to any blasting on this well location.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.

Page 4 of 7 Well: Ute Tribal 1-21-4-1 1/27/2010

- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

Page 5 of 7 Well: Ute Tribal 1-21-4-1 1/27/2010

 There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well: Ute Tribal 1-21-4-1 1/27/2010

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 7 of 7 Well: Ute Tribal 1-21-4-1 1/27/2010

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM. Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3160 -3 (August 2007)

# UNITED STATES

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

DEPARTMENT OF THE BUREAU OF LAND MA	5. Lease Seri 20G00				
APPLICATION FOR PERMIT TO	6. If Indian, A	Allotee or Tribe Name			
ia. Type of work:  DRILL  REEN	TER	7. If Unit or C.	A Agreement, Name and No.		
lb. Type of Well: Oil Well Gas Well Other	✓ Single Zone  Mul	8. Lease Nam tiple Zone Ute Tribal			
2. Name of Operator Newfield Production Company		9. API Well N	13 50202		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		ool, or Exploratory		
Location of Well (Report location clearly and in accordance with a At surface NE/NE 662' FNL 660' FEL     At proposed prod. zone	any State requirements.*)		f. or Blk.and Survey or Area 1, T4S R1W		
14. Distance in miles and direction from nearest town or post office* Approximately 10.1 miles southeast of Myton, UT		12. County or P Duchesne			
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 660' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease  NA	17. Spacing Unit dedicated to 40 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1530'	the from proposed location*  19. Proposed Depth  20. BLM/ 25 well, drilling, completed.				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5076' GL	22. Approximate date work will st		23. Estimated duration (7) days from SPUD to rig release		
The following, completed in accordance with the requirements of Onsh	24. Attachments	attached to this form:	· · · · · · · · · · · · · · · · · · ·		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover Item 20 above) 5. Operator certif	the operations unless covered	by an existing bond on file (see		
25. Signature Landie Cusain	Name (Printed/Typed) Mandie Crozier		Date V25/10		
Title Carlotte Regulatory Specialist		· 	·		
Approved by (Signature)	Name (Printed/Typed)  James H	l. Sparger	Date FEB 0 9 2010		
Title ASSISTANT Field Manager Lands & Mineral Resources	VE	RNAL FIELD OFF	ICE		
Application approval does not warrant or certify that the applicant hol conduct operations thereon.  Conditions of approval, if any, are attached.	ds legal or equitable title to those rig		ould entitle the applicant to		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as	s to any matter within its jurisdiction.	willfully to make to any departr	nent or agency of the United		
(Continued on page 2)	DEPT OF THE INTER	*(	(Instructions on page 2)		
-	* ===	11ATIAT	OF ADDROVAL		

NOTICE OF APPROVAL

2010 JAN 26 PM 12 42

**RECEIVED** FEB 17 2010

NEWNY LIETD OFFICE





170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

**Newfield Production Company** 

Ute Tribal 1-21-4-1

43-013-50202

Location: Lease No: NENE, Sec. 21, T4S, R1W

2OG0005609

Agreement:

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER: (435) 781-3420** 

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

NONE

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#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

#### Variances Granted:

#### **Drilling:**

- Variance on using a diverter bowl in place of a rotating head. The diverter bowl forces the air and cutting returns to the reserve pit and is used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a nonhydrocarbon bearing zone and thus has no possibility of gas pressure.
- Variance is granted on using a blooie line with a discharge less than 100 feet from the wellbore in order to minimize the size of the well pads and direct the cuttings and circulating mediums into the reserve pit. The well bore is located approximately 35 feet from the reserve pit which is 40 feet wide; a 100 foot blooie line would discharge the cuttings and circulating mediums across the reserve pit and off the location. The requested length of the blooie line to drill the surface casing (surface to a total depth of 350 feet) is 35 feet. The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.
- Variance is granted on operating without an automatic igniter or continuous pilot light on the blooie line due to the fact the air rig is only used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a nonhydrocarbon bearing zone and thus has no possibility of gas pressure.
- Variance granted permission to use a trailer mounted compressor located less than 100 feet from the well bore in order to minimize the well pad size. The trailer mounted compressor is located 50 feet from the wellbore and in an opposite direction of the blooie line. The compressor has the following safety features: (1) shut off valve on the trailer that is located approximately 15 ft from the air rig, (2) pressure relief valve on the compressor, and (3) Spark arresters on the motors. The compressor only used in the drilling of the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.
- Operator must notify BLM Vernal office of any active Gilsonite operation within 2 miles of the location 48 hours prior to any blasting on this well location.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.

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- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

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 There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

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data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM. Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.